

**PRINT CARTRIDGE WITH IMPROVED BACK-PRESSURE REGULATION****ABSTRACT OF THE DISCLOSURE**

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A print cartridge is used in a printing system in which there is a requirement to provide two distinct rates of ink usage corresponding to two different types of printing done with the printing system. The print cartridge includes an ink replenishment path which selectively provides two flow rates into the print cartridge. The print cartridge also includes a

10 controller which selects one of the two flow rates into the print cartridge based on which type of printing is being performed by the printing system.

09851633-050801